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its discovery is certainly an interesting one, as it would present an evidence of the existence of *Lepidopterous* Insects, at a much earlier period in our world's history than has hitherto been suspected.

As this fossil will doubtless be met with in the Coal Measures at other localities, whether or not its connection with the mature Butterfly or Moth can ever be positively established, it seems desirable, for convenience of reference, that it should receive a name; although we are unable to point out any well defined characters from the only specimen seen, by which it can be distinguished from the larva of several existing types. That there is any probability, however, of its belonging to any existing genus, will, we think, not be maintained by any person familiar with the range of generic types in time.

April 4th.

Vice-President, CASSIN, in the Chair.

Twenty-two members present.

The following paper was presented and referred to a Committee:

"Diagnoses Specierum et varietatum novarum Molluscorum," etc.
By Philip P. Carpenter.

April 11th.

The President, DR. BRIDGES, in the Chair.

Twenty-five members present.

The following were presented and referred to a Committee:

"Synopsis of the genus *Pomoxys*," "On the genus *Caulolatilus*," "On the cranial characteristics of *Gadus proximus*," and "Note on several genera of Cyprinoids." By Theo. Gill.

The Curators exhibited a large living specimen of the Great Crab-Spider, *Mygale cancerides*, recently brought from Brazil, and presented by Mr. Newton.

The Secretary announced the death, on the 30th ult., of Major Charles I. Maceuen, late a member of the Academy.

April 18th.

The President, DR. BRIDGES, in the Chair.

Twenty members present.

The following papers were presented and referred to Committees:

"Observations on the Eocene Lignite Formation of the United States," and "Catalogue of the Eocene Annelides, etc." By T. A. Conrad.

"Descriptions of three new species of Exotic Uniones." By Isaac Lea.

The Secretary read the following:

1865.]